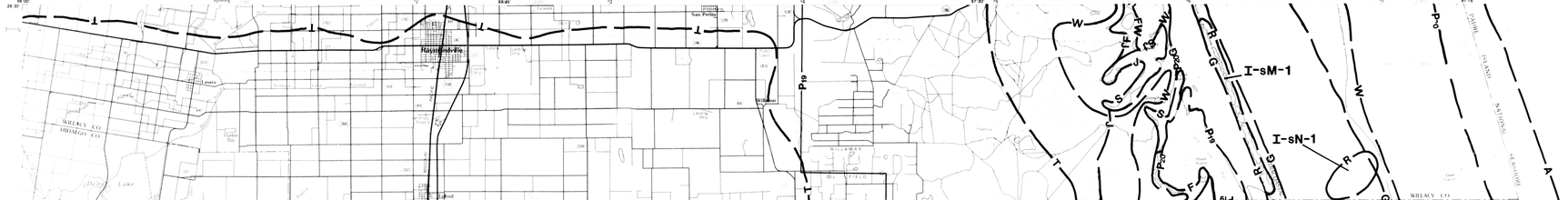
I 49.89: 82/16/mgp/2

MMS 84-0005
FWS/OBS-82/16

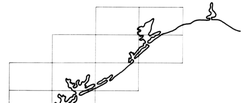
HARLINGEN, TEXAS

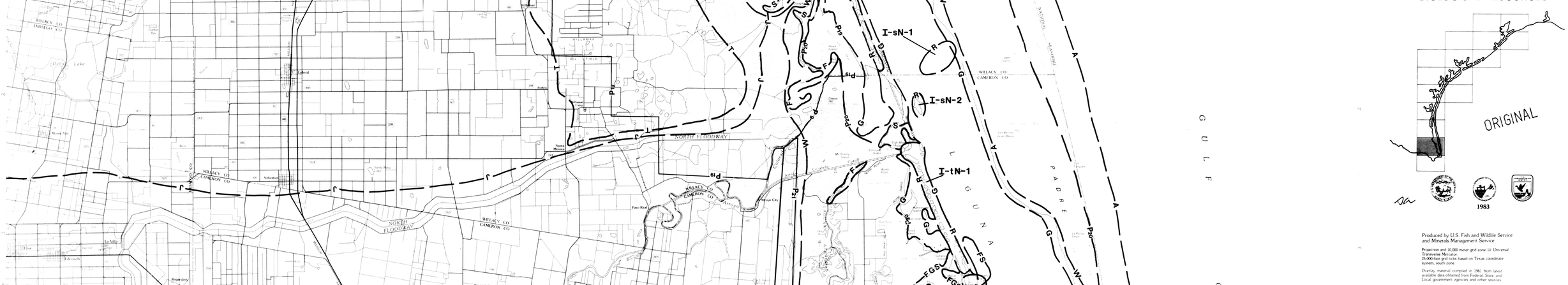


Harlingen

TEXAS BARRIER ISLANDS REGION ECOLOGICAL CHARACTERIZATION ATLAS

BIOLOGICAL RESOURCES





Produced by U.S. Fish and Wildlife Service and Minerals Management Service

Projection and 10,000 meter grid zone 14: Universal Transverse Mercator
25,000 foot grid ticks based on Texas coordinate system, south zone

Overlay material compiled in 1981 from latest available data obtained from Federal, State, and Local government agencies and other sources.

MC ALLEN 1:250 000
26 15'
291
290
1925
La Villa
Elsa
SOUTHERN PACIFIC
Landing Strip
Edcouch
491
Elevated Ditch
1015
Rogerslacy
107
2556
Pumping Station
506
Santa Rosa
Ditch
Elevated
GAS FIELD
Valley Acres Reservoir
1425
Pumping
Channel
Y
Llano Grande Lake Bed
733
Pumping Sta
Main
La Feria
Wilson
Sunrise Hill
Harmony Hill
Hoblitz Elles Res
Radio Towers
Canal
Capisallos Lake
Heidelberg
491
Mercedes Airport
Mid Valley Airport
1015
Texas College of Arts and Industries
Weslaco
MISSOURI PACIFIC
374
88
83
Mercedes
Arroyo
WAY
1425
Bixby
Elevated
506
Adams Gardens
La Feria
2556
Pumping

NORTH FLOODWAY
WILLACY CO
CAMERON CO
2629
MISSOURI
PACIFIC
Wells
77
448
Combes
107
508
800
1599
Pumping Sta
507
McCloud Hood Reservoir
1420
Cullen-Thompson Reservoir
Industrial Airpark
Rio Hondo
Landing Strip
106
Colorado
2925
345
PACIFIC
Primera
Avondale
Powerline
2994
Gravel Pit
1595
448
206
Lake Harlingen
Harlingen
Palmetal
SOUTHERN
Port Harlingen
Arroyo
Cantana
Lozano
Gravel Pit
54
83
106
374
Stuart Place
77
83
MISSOURI
PACIFIC
Reba Bass Lake
1846
1561
Arroyo
Hosp
Canal
Radio Towers
Horseshoe Lake
Fresnos
1479
Sandpit
509
486
Resaca
Ditch
Elevated
800

Monte Grande
La Leona
Reservoir No 7
Las Yescas
La Tina
El Preseno Lake
El Cuolo Tank
Espuela Tank
Sweeney Lake
Cross Lake
Fresnos
Pintail Pond
Laguna Atascosa
Needle Island
NATIONAL WILDLIFE REFUGE
Buena Vista
Red Head Cove
Red Head Bluff
Heron Island
Yucca Island
Caballo Island
Medio Island
Three Islands
Ultimo Island
Townsite
Realito Bay
Coyote Point
Barclay Island
Gabrielson Island
Stover Cove
Gatlin Island
Stover Point
Laguna de los Patos
Horseshoe Lake
County Airport
Moranco Blanco
Canal
Ditch
LAGUNA MADRE
INTRACOASTAL
P21
P20
W
R
G
FS
FGS
ND
M
I-uN-1

E
La Punta
Larga
P20
W
ISLAND
G
A
P20
A
G
O F
M E X I
291
26 15'
290

Symbol

A

B

C

D

E

F

G

H

J

K

L

Produced by U.S. Fish and Wildlife Service
and Minerals Management Service

Projection and 10,000 meter grid zone 14: Universal Transverse Mercator.
25,000-foot grid ticks based on Texas coordinate system, south zone.

Overlay material compiled in 1981 from latest available data obtained from Federal, State, and Local government agencies and other sources.

LEGEND

Species Habitats and Areas Represented

Arctic Peregrine Falcon

Upland Game and Furbearer Concentration

Attwater's Prairie Chicken

White-winged Dove

Bald Eagle

Finfish Nursery

Seagrass Beds

Houston Toad

Oak Motte Woodlands

Wood Duck

Alligator

G	Seagrass Beds
H	Houston Toad
J	Oak Motte Woodlands
K	Wood Duck
L	Alligator
N	Rio Grande Subtropical Woodlands
O	Oyster Beds
P_3	Areas of Ecological Concern
Q	Whooping Crane Wintering Habitat
R	Colonial Waterbird Rookery
S	Shrimp Nursery
T	Rio Grande Turkey
U_3	Unique Wildlife Ecosystem
W	Waterfowl and Other Wetland Birds
X	Whooping Crane Wintering Habitat
Y	Virgin Brush Habitat

Species habitats are represented by dashed lines with the appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (TA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

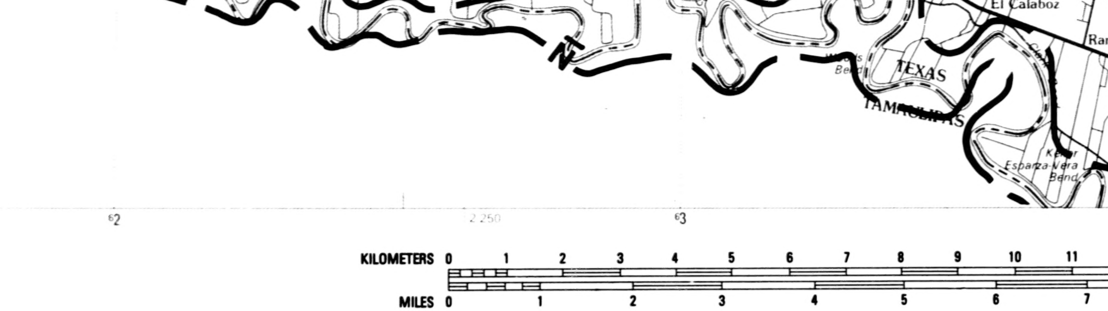
26°00′
98°00′

61 2 200 000 FEET

THE TEXAS BARRIER ISLANDS REGION ECOLOGICAL ATLAS: BIOLOGICAL RESOURCES MAPS AND ACCOMPANYING NARRATIVE (FWS/OBS-82/16) ARE ONE SET IN A SERIES OF THREE CONSTITUTING THE ATLAS PRODUCED BY THE U.S. FISH AND WILDLIFE SERVICE, DIVISION OF BIOLOGICAL SERVICES, NATIONAL COASTAL ECOSYSTEMS TEAM AND BY THE MINERALS MANAGEMENT SERVICE. OTHER MAP SETS AND NARRATIVES AVAILABLE INCLUDE SELECTED SOCIOECONOMIC AND NATURAL FEATURES (FWS/OBS-82/15) AND MINERAL RESOURCES AND SELECTED OIL AND GAS INFRASTRUCTURE (FWS/OBS-82/17).

THE MAPS, IN CONJUNCTION WITH THEIR NARRATIVES, ARE INTENDED TO BE USED BY COASTAL PLANNERS, DECISIONMAKERS, AND THE GENERAL PUBLIC TO RESOLVE CONFLICTS AMONG LAND USES, FISH AND WILDLIFE REQUIREMENTS, AND THE MAINTENANCE OF ECOLOGICAL DIVERSITY.

ALL MAPS HAVE BEEN COMPILED FROM A VARIETY OF SOURCES INCLUDING MAPS, AERIAL PHOTOGRAPHS, AND REPORTS. THE USER SHOULD NOT RELY ON THESE MAPS FOR PRECISE MEASUREMENT OF DISTANCES OR AREAS.

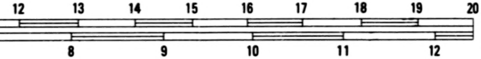

El Calaboz
Ran
Woods Bend
TEXAS
TAMAULIPAS
Keller
Esparza-Vera Bend
62
2 250
63
KILOMETERS 0 1 2 3 4 5 6 7 8 9 10 11
MILES 0 1 2 3 4 5 6 7

FOR INFORMATION CONCERNING THE ATLAS, CONTACT:

Information Transfer Specialist
National Coastal Ecosystems Team
U.S. Fish and Wildlife Service
1010 Gause Blvd.
Slidell, La. 70458

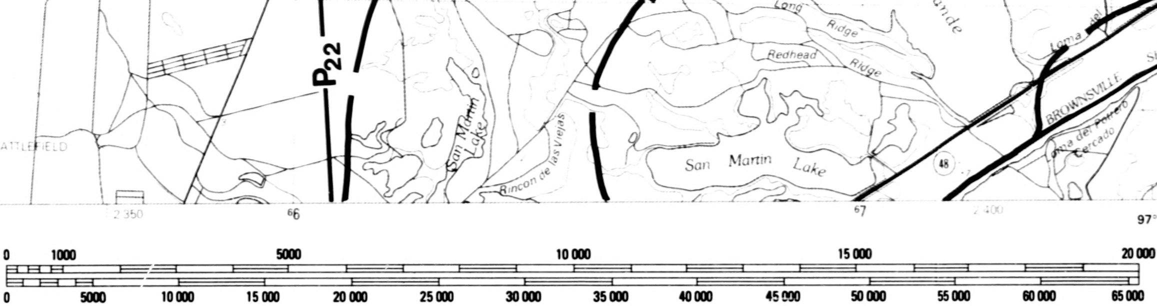
Records Management Section (OMS-2)
Gulf of Mexico OCS Region
Minerals Management Service
P.O. Box 7944
Metairie, La. 70010

nchito
Resaca
Rancho
Substa
Villa Cavazos
14
1732
Olmito Lake
Olmito
Main
Olmito
Branch
511
SOUTHERN
Ditch
Resaca de la Palma
10
77
83
Ditch
281
1421
1847
6
PALO ALTO B
64
2 300
(BROWNSVILLE)
97°30′


12
13
14
15
16
17
18
19
20
8
9
10
11
12

SCALE 1:100 000

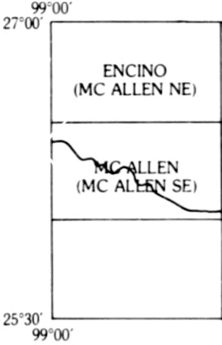
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND


P22
Long
Ridge
Redhead
Ridge
Loma del
BROWNSVILLE
Loma del Potrero Cercado
San Martin Lake
San Martin Lake
Rincon de las Viejas
ATTLEFIELD
48
2 350
66
67
2 400
97°
0
1000
5000
10 000
15 000
20 000
0
5000
10 000
15 000
20 000
25 000
30 000
35 000
40 000
45 000
50 000
55 000
60 000
65 000

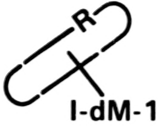
SHIP
CHANNEL
Loma Ochoa
Loma del
Loma de la Banderita
Los Montes
Loma Pelona
Loma del Burro
Loma Plata
Sand and Mud
Mesa del Gavilan
Bay
Island
Beach
FS
P20
G
15′
68
690000mE

METERS

FEET


99°00′
27°00′
ENCINO
(MC ALLEN NE)
MC ALLEN
(MC ALLEN SE)
25°30′
99°00′

2880000m N



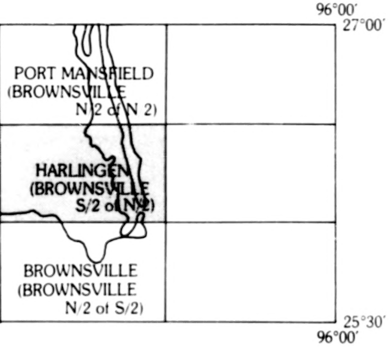
appropriate symbol reading to the inside of the area. Rookeries are also identified by an alphanumeric code as taken from the Texas Colonial Waterbird Census, 1973-1976 (FA Report Series No. 15, Texas Parks and Wildlife Department, 1978).

Interior—Geological Survey, Reston, Virginia—1976

26°00′
97°00′

HARLINGEN, TEXAS

N2600-W9700/30 × 60


96°00′
27°00′
PORT MANSFIELD
(BROWNSVILLE
N/2 of N/2)
HARLINGEN
(BROWNSVILLE
S/2 of N/2)
BROWNSVILLE
(BROWNSVILLE
N/2 of S/2)
25°30′
96°00′

Legend topics are described in more detail in the accompanying narrative.

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